

SAMPLE DETAILS
SAMPLE NAME: 500mg Roll On

Infused, Hemp

CLIENT
Business Name: Root The Rockies

License Number:
Address: PO Box 14
 Louviers CO 80131

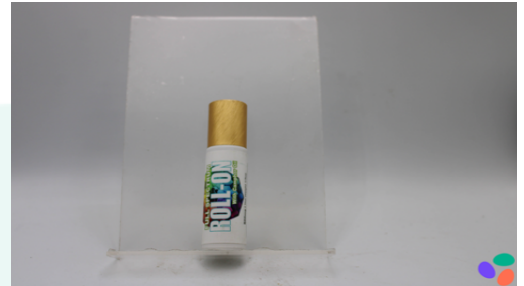
SAMPLE DETAIL
Batch Number:
Sample ID: 260313K009

Date Collected: 03/13/2026

Date Received: 03/13/2026

Batch Size:
Sample Size: 9.0 units

Unit Mass: 9 grams per Unit

Serving Size: 0.5 gram per Serving

 Scan QR code to verify
 authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 7.902 mg/unit
Total CBD: 286.470 mg/unit
Sum of Cannabinoids: 313.560 mg/unit
Total Cannabinoids: 308.889 mg/unit

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

$$\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} \cdot 0.877)$$

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBN} + \text{CBNa}$$


$$\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) +$$

$$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$$

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + (\text{CBN} + 0.877 \cdot \text{CBNa})$$

These results relate only to the sample included on this report.
 This report shall not be reproduced, except in full, without written approval of the laboratory.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),
 $\mu\text{g/g} = \text{ppm}$, $\mu\text{g/kg} = \text{ppb}$



Approved by: Sam Schumann
 Laboratory Director
 Date: 03/16/2026




Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: (GLB-TM-14) Cannabinoid Potency Determination

TOTAL THC: 7.902 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 286.470 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 308.889 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + (Total CBN)

TOTAL CBG: 3.771 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 10.368 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.378 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 03/16/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.007 / 0.147	±1.8846	28.128	2.8128
CBDA	0.008 / 0.151	±0.3119	4.221	0.4221
CBC	0.001 / 0.057	±0.0818	1.152	0.1152
Δ^9 -THC	0.002 / 0.147	±0.0623	0.878	0.0878
CBG	0.004 / 0.032	±0.0145	0.419	0.0419
CBDV	0.005 / 0.035	±0.0034	0.042	0.0042
Δ^8 -THC	0.002 / 0.162	N/A	ND	ND
THCa	0.006 / 0.130	N/A	ND	ND
THCV	0.003 / 0.029	N/A	ND	ND
THCVa	0.002 / 0.115	N/A	ND	ND
CBDVa	0.002 / 0.063	N/A	ND	ND
CBGa	0.003 / 0.136	N/A	ND	ND
CBN	0.002 / 0.043	N/A	ND	ND
CBCa	0.003 / 0.052	N/A	ND	ND
CBNa	0.002 / 0.093	N/A	ND	ND
SUM OF CANNABINOIDS			34.840 mg/g	3.4840%

Unit Mass: 9 grams per Unit / Serving Size: 0.5 gram per Serving

Δ^9 -THC per Unit	7.902 mg/unit
Δ^9 -THC per Serving	0.439 mg/serving
Total THC per Unit	7.902 mg/unit
Total THC per Serving	0.439 mg/serving
CBD per Unit	253.152 mg/unit
CBD per Serving	14.064 mg/serving
Total CBD per Unit	286.470 mg/unit
Total CBD per Serving	15.915 mg/serving
Sum of Cannabinoids per Unit	313.560 mg/unit
Sum of Cannabinoids per Serving	17.420 mg/serving
Total Cannabinoids per Unit	308.889 mg/unit
Total Cannabinoids per Serving	17.161 mg/serving

NOTES

Sample serving mass provided by client. Sample unit mass provided by client.